

MANUFACTURING EXTENSION PARTNERSHIP

Success Stories from the Field

Trinity Products

Missouri Enterprise

Trinity Products Selects Missouri Enterprise to Design New Manufacturing Facility

Client Profile:

Trinity Products, founded in 1979, provides quality products and services to the construction industry, piling contractors, road boring contractors and the caisson industry. The company has regularly added new equipment, introduced new products, and entered new markets, including the billboard and cell tower industries. The O Fallon, Missouri, facility currently employs 60 people.

Situation:

Trinity Products decided to expand its business by adding spiral pipe fabrication capability. This process very economically forms hot rolled carbon steel coils into pipe. With the addition of the new equipment, Trinity would become one of only two companies in North America able to make steel pipe from 16 to 120 in diameter and .188 to 1 in thickness. To accommodate the new spiral welding equipment and supporting facilities, Trinity Products purchased a 40 acre tract as a site for a new 60,000 square foot manufacturing building with storage areas, rail access and a 100 foot, 30 ton crane. Trinity Products needed to develop a building and facility plan that would produce a high quality product while minimizing manufacturing waste and costs.

To achieve its quality, cost and productivity objectives, Trinity Products needed a plant layout that promotes efficient flow through the facility and through the company's downstream operations. Trinity Products asked Missouri Enterprise, a NIST MEP network affiliate, to analyze its operations and provide a layout of the new facility that would achieve these objectives.

Solution:

Missouri Enterprise carefully reviewed and defined the company's manufacturing process flows, cycle time, product sizes and volumes as well as the constraints of the site. Following this analysis, and in close consultation with company officials, Missouri Enterprise created a facility layout including major equipment locations and effective material flow paths. Actual construction of the new facility is underway with completion and occupation planned for December 2006. The company plans to begin manufacturing in the new facility, including in its new spiral welding equipment, in early 2007.

Results:

When the new facility is in operation, Trinity Products expects:

- * Increased sales of \$20 million.
- * Investment of \$9 million in new equipment.
- * Investment of \$10,000 in workforce development.
- * Creation of up to 25 new jobs.

Testimonial:

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"I want to take this opportunity to thank Missouri Enterprise for all the wonderful support they have given us during the infancy of this project. They provided services and expertise that a company of our size normally can't afford and in the process have given us the confidence of knowing this project is headed in a correct direction. I can recommend them with great confidence, for any project either large or small. They will deliver excellent service with tremendous dedication. Thank you."

Robert Griggs, President